

5. Amendments to the Specification;

Please replace the equations on page 6 with the following equations.

$$\begin{cases} r = \frac{D_{\text{tp}}}{2\pi} \Phi \\ \varphi = \Phi \bmod 2\pi \end{cases}, \quad \Phi = \sqrt{\frac{4\pi L_{\text{cb}}}{D_{\text{tp}}} \ell + (\Phi_0)^2}$$